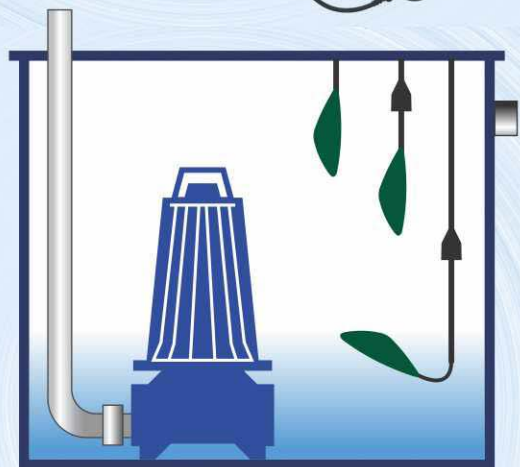


Suspended Float Switching Systems for Liquids 'FTS'



Pune Techtrol Pvt Ltd
Innovating Level Controls Since 1984

- ☑ Reliable performance & easy installation
- ☑ Site adjustable preset levels
- ☑ Single or multiple level detection
- ☑ Level detection in multiple tanks thru' a control station
- ☑ Welded / vulcanized floats (not glued/crimped) to suit most aggressive conditions w/o being punctured
- ☑ Wide specific gravity range from 0.7 to 1.50
- ☑ ATEX certified for hazardous area
- ☑ ACS certified for sanitary applications



Specifications

Suspended Floats	: Disc / Biconical / BC Large / BC Aseptic / Biconical Exp / Tubular or Mini Tubular
Float Protection	: WP IP-68 / IP 6X
Float MOC	: PP (D,B,A,S, T & M), Hypalon (E)
Min Liquid Sp. Gr.	: 0.75
Terminal Enclosure	: Cast Al, WP IP-66 x Polyamide (PG 9)
Process Flange	: 1-1/2" or 3" or 4" ANSI in PP or CS
Cable Lengths	: 2, 3, 5 & 6 mtrs (other lengths optional)
Contact Type	: Microswitch (SPDT)
Cable MOC	: Neoprene or EPDM or Hypalon
Stopper	: Rubber / SS316 for Aseptic
Support Pipe / Ballast	: SS304 or PP

Suspended floats	D	B	A	S	E	T	M
	DISC	BICONICAL	BICONICAL LARGE	BICONICAL ASEPTIC	BICONICAL EX PROOF	TUBULAR	MINI TUBULAR
	Neoprene	Neoprene	Neoprene	EPDM	Hypalon	Neoprene	Neoprene
Shape	Disc	Biconical	Biconical	Biconical	Biconical	Tubular	Tubular
Diff. Angle	28°	110°	120°	25°	25°	20°	16°
Pressure	2Kg/cm ²	3.5Kg/cm ²	3.5Kg/cm ²	3.5Kg/cm ²	4Kg/cm ²	5.5Kg/cm ²	2Kg/cm ²
Temp	-10 to 70 °C	85 °C	85 °C	85 °C	-20 to 70 °C	85 °C	85 °C
Contact Rating	8A, 250VAC	8A, 250VAC	8A, 250VAC	6A, 250VAC	10A, 24VAC	2A, 250VAC	3A, 250VAC
Service	Clear or Dirty liquids	Clear or Dirty or Viscous or Liquids with turbulence	Clear or Dirty or Viscous or Liquids with turbulence	Drinking water or Beverages (Sanitary Applications)	Inflammable liquids / Hazardous areas	Tanks with Small Inlets	Tanks with Small Inlets

System Configuration & Installation (Fig. 1)

Side mounted systems are configured & located on the tank thru' an extension pipe (E) or cable gland (G)

Top mounted systems are configured & located on the tank thru' an adj. stopper with 'o' ring (S) or support pipe (P) or suspended ballast (B).

Identify whether operational area or service is explosive or non-explosive area. For non-explosive area / service use conventional floats, however for explosive area, it is mandatory to use 'ATEX' certified switches viz hazardous liquids or effluent treatment plants or septic tanks.

Fig. 1 NON-EXPLOSIVE AREA / APPLICATION EXPLOSIVE AREA / APPLICATION

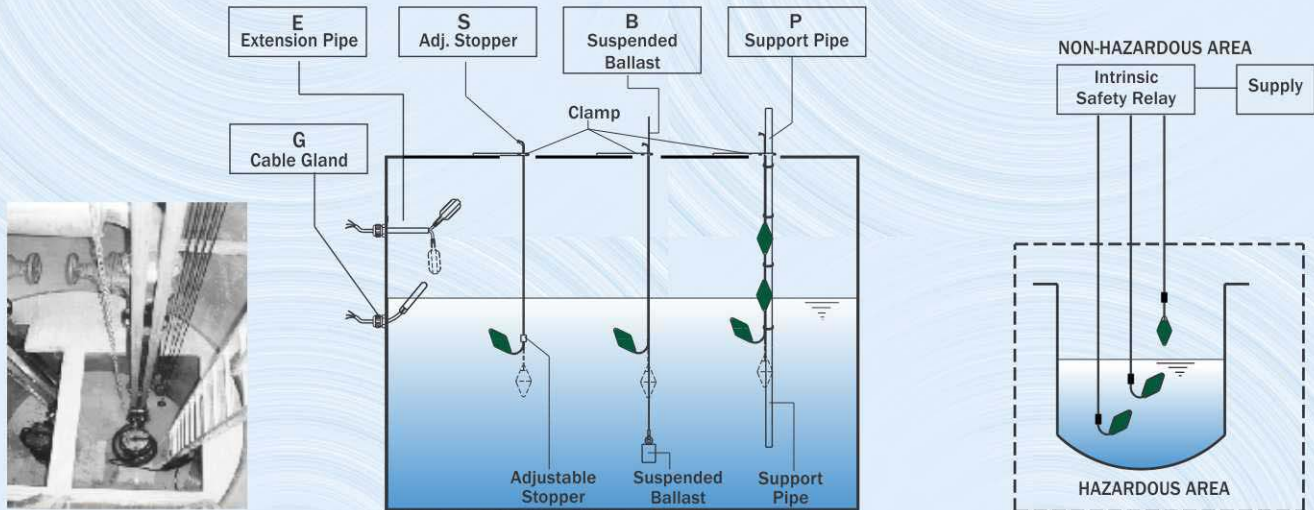
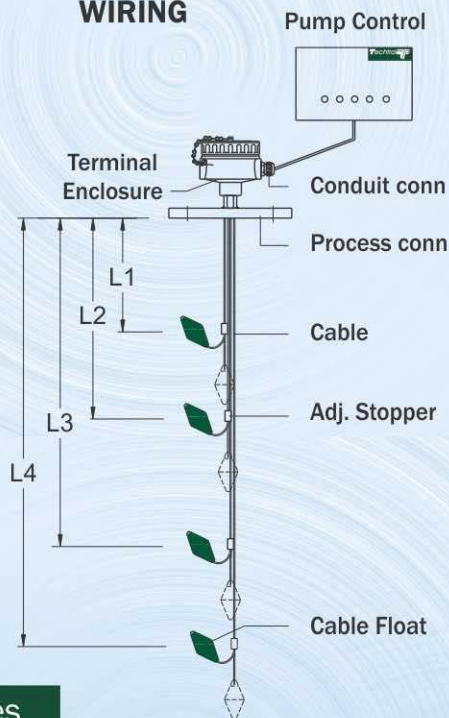


Fig. 2

WIRING



MODEL IDENTIFICATION

FLOAT TYPE

- Disc x Neoprene _____
- Biconical x Neoprene _____
- Biconical Large x Neoprene _____
- Asceptic Biconical x EPDM _____
- Ex proof Biconical x Hypalon _____
- Tubular x Neoprene _____
- Mini Tubular x Neoprene _____
- Others _____

TERMINAL ENCLOSURE

- Not provided _____
- Cast Al WP-IP 66 _____
- Others _____

PROCESS CONNECTION

- Not Provided _____
- CS x 1-1/2"NB, ANSI (T & M float) _____
- CS x 3"NB, ANSI (B float) _____
- CS x 4"NB, ANSI (D, A, S & E float) _____
- Others _____

NO OF CABLE FLOATS

- One, Two.....Four _____

SYSTEM CONFIGURATION

- Adj. Stopper _____
- Suspended Ballast _____
- Support Pipe _____
- Extension Pipe (side mtd) _____
- Cable Gland (side mtd) _____
- Others _____

FTS -

D	B	A	S	E	T	M	O
W	J	O					
W	1	2	3	0			
			1,2,.....4				
					S	B	P
					E	G	O

x Cable Lengths of each Float L1, L2.....L4

All dimensions in mm

Services

Raw / Filtered / Polluted / Drinking / Waste water, Sewage, Acidic & Alkaline liquids, Coolants, Fuel oil, Solvents & Sludge



Tel. : +91-20-66342900, 27121052
 Fax : +91-20-66342998
 E-mail : ho@punetechtrol.com
 Web : www.punetechtrol.com



R A T E D
 NSIC-CRISIL SE1A

Area Representative / Distributor :

Level Gauges / Switches / Controllers / 'X' mitters for Liquids & Solids

We reserve the right to modify design and specifications without prior notice.

CAT/0009/Rev-04/05-13

inspiregraphic@gmail.com | 9763672223